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21 [BlogWall: a new paradigm of artistic public mobile communication](#)

 Adrian David Cheok, Owen Noel Newton Fernando, Imiyage Janaka Prasad Wijesena, Abd-ur-Rehman Mustafa, Anne-Katrin Barthoff, Naoko Tosa
 September MobileHCI '07: Proceedings of the 9th international conference on
 2007 Human computer interaction with mobile devices and services

Publisher: ACM

 Full text available: [pdf\(105.85 KB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 0, Citation Count: 0

Short message service (SMS) is extremely popular today. Currently it is being mainly used for peer-to-peer communication. BlogWall extends the SMS to a new level of self-expression and public communication by combining art and poetry. The application ...


Keywords: GSM/GPRS, SMS, human-media interaction, mobile computing

22 mCell: platform independent communication for small groups



Merja Haveri, Jan Blom, Jyri Virtanen, Mikko Tarkiainen, Jonna Häkkinä
September MobileHCI '07: Proceedings of the 9th international conference on
2007 Human computer interaction with mobile devices and services

Publisher: ACM

Full text available:  [pdf\(553.53 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 0, Citation Count: 0

In this paper, we describe the development and experiences with a mobile group communication application, mCell, that runs on a mobile phone. We present the underlying design implications, the application implementation, and a user study, where three ...


Keywords: CSCW, human-computer interaction, mobile devices, user studies

23 Lessons learned from the deployment of a smartphone-based access-control system



Lujo Bauer, Lorrie Faith Cranor, Michael K. Reiter, Kami Vaniea
July SOUPS '07: Proceedings of the 3rd symposium on Usable privacy and security
2007

Publisher: ACM

Full text available:  [pdf\(920.64 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 155, Citation Count: 0

Grey is a smartphone-based system by which a user can exercise her authority to gain access to rooms in our university building, and by which she can delegate that authority to other users. We present findings from a trial of Grey, with emphasis on how ...


Keywords: access control, mobile computing, security, smartphones, usability

24 SmartSiren: virus detection and alert for smartphones



Jerry Cheng, Starsky H.Y. Wong, Hao Yang, Songwu Lu
June MobiSys '07: Proceedings of the 5th international conference on Mobile
2007 systems, applications and services

Publisher: ACM

Full text available:  [pdf\(534.00 KB\)](#)


Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 27, Downloads (12 Months): 481, Citation Count: 0

Smartphones have recently become increasingly popular because they provide "all-in-one" convenience by integrating traditional mobile phones with handheld computing devices. However, the flexibility of running third-party softwares also leaves the smartphones ...


Keywords: alert, privacy, security, smartphone, virus detection

25 Wireless wakeups revisited: energy management for voip over wi-fi smartphones

 Yuvraj Agarwal, Ranveer Chandra, Alec Wolman, Paramvir Bahl, Kevin Chin, Rajesh Gupta

June 2007 MobiSys '07: Proceedings of the 5th international conference on Mobile systems, applications and services

Publisher: ACM

Full text available:  [pdf\(1.32 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 26, Downloads (12 Months): 391, Citation Count: 0

IP based telephony is rapidly gaining acceptance over traditional means of voice communication. Wireless LANs are also becoming ubiquitous due to their inherent ease of deployment and decreasing costs. In enterpriseWi-Fi environments, VoIP is a compelling ...


Keywords: VoIP, Wi-Fi, cellular networks, power management, smartphones

26 MyExperience: a system for *in situ* tracing and capturing of user feedback on mobile phones

 Jon Froehlich, Mike Y. Chen, Sunny Consolvo, Beverly Harrison, James A. Landay

June 2007 MobiSys '07: Proceedings of the 5th international conference on Mobile systems, applications and services

Publisher: ACM

Full text available:  [pdf\(2.81 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 35, Downloads (12 Months): 509, Citation Count: 0

This paper presents MyExperience, a system for capturing both objective and subjective *in situ* data on mobile computing activities. MyExperience combines the following two techniques: 1) passive logging of device usage, user context, and environmental ...

Keywords: SmartPhones, context-aware systems, experience sampling method (ESM), field studies, in situ evaluation, mobile computing, toolkit, usage logging, user surveys, user-centered design

27 [A history of Erlang](#)

Joe Armstrong

June HOPL III: Proceedings of the third ACM SIGPLAN conference on History of
2007 programming languages**Publisher:** ACMFull text available: [pdf\(446.07](#)**Additional Information:** [full citation](#), [appendices and supplements](#),[abstract](#), [references](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 84, Downloads (12 Months): 1610, Citation Count: 0

Erlang was designed for writing concurrent programs that "run forever." Erlang uses concurrent processes to structure the program. These processes have no shared memory and communicate by asynchronous message passing. Erlang processes are lightweight ...

28 [When home base is not a place: parents' use of mobile telephones](#)

Leysia Palen, Amanda Hughes

June Personal and Ubiquitous Computing, Volume 11 Issue 5
2007**Publisher:** Springer-Verlag**Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

More attention is being paid to the development of information and communication technologies (ICTs) that are sensitive to the needs of people in their homes. By studying mobile telephony in such settings, we contribute to this discussion by examining ...

29 [An agent-based approach for privacy-preserving recommender systems](#)

Richard Cissée, Sahin Albayrak

May AAMAS '07: Proceedings of the 6th international joint conference on
2007 Autonomous agents and multiagent systems**Publisher:** ACMFull text available: [pdf\(346.44](#)**Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 25, Downloads (12 Months): 92, Citation Count: 0

Recommender Systems are used in various domains to generate personalized information based on personal user data. The ability to preserve the privacy of all participants is an essential requirement of the underlying Information Filtering architectures, ...

Keywords: information filtering, multiagent systems, privacy, recommender systems, trust

30 [Safety, software architecture and MIL-STD-1760](#)

Matthew John Squair

May SCS '06: Proceedings of the eleventh Australian workshop on Safety
2007 critical systems and software - Volume 69, Volume 69

Publisher: Australian Computer Society, Inc.

Full text available:  [pdf\(1.57](#)

[MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 24, Downloads (12 Months): 433, Citation Count: 0

Integrating modern aircraft stores, particularly weapons, creates a complex system of systems challenge. The traditional approach to such integrations was for each to be a stand-alone program. For each program a unique interface would usually be implemented, ...

Keywords: MIL-STD-1760, architecture, safety, software


31 [Sabbath day home automation: "it's like mixing technology and religion"](#)



Allison Woodruff, Sally Augustin, Brooke Foucault

April CHI '07: Proceedings of the SIGCHI conference on Human factors in
2007 computing systems

Publisher: ACM

Full text available:  [pdf\(271.34](#)

[KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 36, Downloads (12 Months): 298, Citation Count: 1

We present a qualitative study of 20 American Orthodox Jewish families' use of home automation for religious purposes. These lead users offer insight into real-life, long-term experience with home automation technologies. We discuss how automation was ...

Keywords: domestic technology, family life, home automation, religious technology, smart homes, ubiquitous computing

32 [A novel approach for a file-system integrity monitor tool of Xen virtual machine](#)



Nguyen Anh Quynh, Yoshiyasu Takefuji

March ASI ACCS '07: Proceedings of the 2nd ACM symposium on Information,
2007 computer and communications security

Publisher: ACM

Full text available:  [pdf\(253.86](#)

[KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 307, Citation Count: 0

File-system integrity tools (FIT) are commonly deployed host-based intrusion detections (HIDS) tool to detect unauthorized file-system changes. While FIT are widely used, this kind of HIDS has many drawbacks: the intrusion detection is not done in real-time ...

Keywords: Linux, Xen virtual machine, intrusion detection, rootkit


33 SIM and USIM filesystem: a forensics perspective



Antonio Savoldi, Paolo Gubian

March 2007 SAC '07: Proceedings of the 2007 ACM symposium on Applied computing 2007

Publisher: ACM

Full text available:  [pdf\(167.67 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 27, Downloads (12 Months): 312, Citation Count: 0

The main purpose of this paper is to describe the real filesystem of SIM and USIM cards, enlightening what the official standard reference does not say. By analyzing the full filesystem of such embedded devices, it is possible to find a lot of undocumented ...

Keywords: SIM/USIM card, data hiding, filesystem, filesystem analysis, imaging tool

34 Proceedings of the 2007 ACM symposium on Applied computing



Yookun Cho, Yong Wan Koo, Roger L. Wainwright, Hisham M. Haddad, Sung Y. Shin
March 2007 proceeding

Publisher: ACM

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

On behalf of the Organization Committee, it is our pleasure to welcome you to the 22nd Annual ACM Symposium on Applied Computing (SAC 2007). This year, the conference is hosted by Seoul National University and Suwon University in Gyeonggi-do, Korea. ...

35 Online forums supporting grassroots participation in emergency preparedness



and response

Leysia Palen, Starr Roxanne Hiltz, Sophia B. Liu

March Communications of the ACM, Volume 50 Issue 3

2007

Publisher: ACM

Full text available: pdf(272.58 KB) html(21.64

KB)

Additional Information: [full citation](#), [abstract](#),
[references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 353, Citation Count: 1

"When danger arises, the rule in normal situations is for people to help those next to them before they help themselves."

36 Usability and privacy in identity management architectures

Audun Jøsang, Muhammed Al Zomai, Suriadi Suriadi

January ACSW '07: Proceedings of the fifth Australasian symposium on

2007 ACSW frontiers - Volume 68, Volume 68

Publisher: Australian Computer Society, Inc.

Full text available: pdf(1.10

MB)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 41, Downloads (12 Months): 316, Citation Count: 0

Digital identities represent who we are when engaging in online activities and transactions. The rapid growth in the number of online services leads to in an increasing number of different identities that each user needs to manage. As a result, many ...

Keywords: federation, identity management, privacy, security, usability, user-centric

37 Empirical observations on the emergence of mobile multimedia services and



applications in the U.S. and Europe

Hannu Verkasalo

December MUM '06: Proceedings of the 5th international conference on Mobile and
2006 ubiquitous multimedia

Publisher: ACM

Full text available: pdf(409.46

KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 32, Downloads (12 Months): 288, Citation Count: 0

Mobile multimedia is still at early stages of commercialization, and pioneering solutions are currently adopted by only early-adopter-type of end-users. Accurate handset-based usage-level measurements have been implemented in several panel studies taking ...

Keywords: 3rd party applications, Symbian smartphones, mobile multimedia services, multimedia communications

38 Chatting with teenagers: Considering the place of chat technologies in teen life



Rebecca E. Grinter, Leysia Palen, Margery Eldridge

December 2006 ACM Transactions on Computer-Human Interaction (TOCHI), Volume 13 Issue 4

Publisher: ACM

Full text available: pdf(151.76 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 58, Downloads (12 Months): 748, Citation Count: 0

In the last few years, teenagers have been on the forefront of adopting short message service (SMS), a mobile phone-based text messaging system, and instant messaging (IM), a computer-based text chat system. However, while teenage adoption of SMS had ...

Keywords: IMing, Text messaging, instant messaging, texting

39 Analyzing the input stream for character- level errors in unconstrained text entry evaluations



Jacob O. Wobbrock, Brad A. Myers

December 2006 ACM Transactions on Computer-Human Interaction (TOCHI), Volume 13 Issue 4

Publisher: ACM

Full text available: pdf(1.39 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 151, Citation Count: 4

Recent improvements in text entry error rate measurement have enabled the running of text entry experiments in which subjects are free to correct errors (or not) as they transcribe a presented string. In these "unconstrained" experiments, ...

Keywords: EdgeWrite, Text entry, character recognition, confusion matrix, deletion, error rate, gesture, input stream, insertion, minimum string distance, nonrecognition, omission, optimal alignment, presented string, recognizer, stream alignment, stroke, substitution, text input, transcribed string

40 [Software management](#)



Cindy Dooling, Jeff White, Cathy Lee

November 2006 SI GUCCS '06: Proceedings of the 34th annual ACM SIGUCCS conference on User services

Publisher: ACM

Full text available:  [pdf\(66.43 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 66, Citation Count: 0

Software management problems? In this session presenters will discuss and demonstrate how Pima Community College (PCC) reigned in control of the software on 5,550 desktop and portable computers located over six campuses, two district offices, and nine ...

Keyw ords: administrative support, audit, communication, computers, licenses, principles, software management, training

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